Ahmed M Al-Mahbashi

List of Publications by Year
in descending order

23	296	1039880 9	887953 17
papers	citations	h-index	g-index

23	23	23	172
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of polypropylene fibre reinforcement on the consolidation, swell and shrinkage behaviour of lime-blended expansive soil. International Journal of Geotechnical Engineering, 2018, 12, 462-471.	1.1	40
2	Stress-Dependent Soil-Water Characteristic Curves of Lime-Treated Expansive Clay. Journal of Materials in Civil Engineering, 2015, 27, .	1.3	34
3	Effect of solute concentration on the volume change and shear strength of compacted natural expansive clay. Environmental Earth Sciences, 2017, 76, 1.	1.3	26
4	Soilâ€“Water Characteristic Curve and One-Dimensional Deformation Characteristics of Fiber-Reinforced Lime-Blended Expansive Soil. Journal of Materials in Civil Engineering, 2020, 32, .	1.3	26
5	Soil water characteristic curve and improvement in lime treated expansive soil. Geomechanics and Engineering, 2015, 8, 687-706.	0.9	26
6	Effect of compaction state on the soil water characteristic curves of sandâ€“natural expansive clay mixtures. European Journal of Environmental and Civil Engineering, 2017, 21, 289-302.	1.0	19
7	Hysteresis soil-water characteristic curves of highly expansive clay. European Journal of Environmental and Civil Engineering, 2018, 22, 1041-1059.	1.0	19
8	Effect of Heavy Metal Contamination on the Compressibility and Strength Characteristics of Chemically Modified Semiarid Soils. Journal of Hazardous, Toxic, and Radioactive Waste, 2020, 24, .	1.2	19
9	Effect of Moisture Hysteresis on the Resilient Modulus of Lime-Treated Expansive Clay. Journal of Testing and Evaluation, 2017, 45, 2039-2049.	0.4	14
10	Expansive Soil Foundation Practice in a Semiarid Region. Journal of Performance of Constructed Facilities, 2017, 31, .	1.0	9
11	Impact of placement and field conditions on hydraulic conductivity and lifetime of liners. Journal of King Saud University - Science, 2021, 33, 101410.	1.6	9
12	Correlation-Based Studies on Resilient Modulus Values for Fiber-Reinforced Lime-Blended Clay. International Journal of Geosynthetics and Ground Engineering, 2021, 7, 1.	0.9	8
13	Predicting Hydraulic Conductivity for Flexible Wall Conditions Using Rigid Wall Permeameter. Water (Switzerland), 2022, 14, 286.	1.2	8
14	Prediction of unsaturated shear strength of expansive clays. Proceedings of the Institution of Civil Engineers: Geotechnical Engineering, 2017, 170, 407-420.	0.9	7
15	Enhancement of Clayâ€“Sand Liners Using Crushed Limestone Powder for Better Fluid Control. Arabian Journal for Science and Engineering, 2020, 45, 367-380.	1.7	7
16	Sustainable and Stable Clay Sand Liners over Time. Sustainability, 2021, 13, 7840.	1.6	7
17	Hydromechanical behavior of unsaturated expansive clay under repetitive loading. Journal of Rock Mechanics and Geotechnical Engineering, 2021, 13, 1136-1146.	3.7	5
18	Shear strength prediction for an unsaturated Sand Clay Liner. International Journal of Geotechnical Engineering, 2019, , 1-11.	1.1	4

#	Article	IF	Citations
19	Trends of Moisture and Electrical Conductivity in Clay Liners. Geofluids, 2018, 2018, 1-7.	0.3	3
20	Effect of Vertical Stress on the Soil Water Characteristic Curve of Highly Expansive Soils. , 2012, , 165-172.		3
21	Effect of Temperature on Hysteretic Behavior of Water Retention Capacity for Clayâ€“Sand Liners. Indian Geotechnical Journal, 2021, 51, 924-934.	0.7	2
22	Influence of temperature on the retention capacity of clay liners during wetting and drying. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	1
23	Closure to â€œExpansive Soil Foundation Practice in a Semiarid Regionâ€•by Muawia Dafalla, Mosleh Al-Shamrani, and Ahmed Al-Mahbashi. Journal of Performance of Constructed Facilities, 2018, 32, 07018005.	1.0	0